



Dart Aerospace Ltd.
1270 Aberdeen St
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Canada

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D145-762-013
Job Sheet 188370



Part No: D145-762-013

Job Qty: 1 pcs

Part Name: Skidtube with Standard Wearplates Fits LH or RH



Part Weight: 0 lbs

Status: New

Priority: Medium

Job Created: 1/8/19

Job Tracking No:

Due Date: 2/28/19

Created By: Jesse White

Type: Stock

Description: SIOP

Note: DWG REV E IPP REV:A 13.04.24 NEW ISSUE DD VERF:JLM IPP REV:B 13.11.14 AS PER IIN REV:C DD VERF:JLM IPP REV:C 14.11.24 as per ecn14-654/chg003 DD VERF:JLM IPP REV:D 15.06.11 IIN REV.D DD VERF:JLM IPP REV:E 16.02.05 IIN REV.E (ecn16-514) DD VERF:JLM IPP REV:F 16.07.19 add qty 2 D5301-1 DD VERF:JFS

Ship Via:

770

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
110	Packaging 1 - Pick Kit	1 pcs		2/28/19	0.00	0.00	Packaging 1 - 1		
							Packaging 1 - 2		
							Packaging 1 - 3		
							Packaging 1 - 4		
							Packaging 1 - 5		
							Packaging 1 - 6		
							Packaging 1 - 7		
							Packaging 1 - 8		
							Packaging 1 - 9		
							Packaging 1 - 10		
							Packaging 1 - 11		
							Packaging 1 - 12		
							Packaging 1 - 13		
							Packaging 1 - 14		
							Packaging 1 - 15		
							Packaging 1 - 16		
							Packaging 1 - 17		
							Packaging 1 - 18		
							Packaging 1 - 19		
							Packaging 1 - 20		
							Packaging 1 - 21		
							Packaging 1 - 22		
							Packaging 1 - 23		
							Packaging 1 - 24		
							Packaging 1 - 25		
							Packaging 1 - 26		
							Packaging 1 - 27		
							Packaging 1 - 28		
							Packaging 1 - 29		

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6 JAN 21 2019

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Entered: _____ Date: _____

WORK ORDER NON-CONFORMANCE / ROUTE UPDATE



NCR No. _____

Route update only ☐

DISPOSITION

Job: _____

Part No. _____

Date : _____ Sequence # _____

Description Work Order Dev _____

Revision:
Inspector:
Exp Date:
Instructions: FAA STC SH01853SE 15/04/2016 STC LOA RDIMS - 4374899 01

DART
AEROSPACE

Container No: S147648

Part: D145 - 762 - 013

Job No: 188370

Serial No/Batch: S147648

Engineering ☐
Water Jet ☐
Supplier ☐
Quality ☐

MRB (QSI042)

Completed By _____

Hand / Supervisor _____

/ QA Coordinator _____

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CANADA
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Root Cause

Operator ☐
Manufacturing Process ☐
Equip/Tooling ☐
Handling/Presservation ☐
Material ☐
Product Improvement ☐
Process Improvement ☐
Human Factors ☐

FAULT CATEGORY

☐ Pressure/Forced	☐ Contamination	☐ Power Loss/Surge	☐ Positioned Wrong
☐ Bending	☐ Misaligned/off center	☐ Folio/Program	☐ Outside Tolerance
☐ Crushing	☐ BOM/Route	☐ Grain Direction	☐ Drawing
☐ Cracks	☐ Broken/Damage/Defect	☐ Weld	☐ Finish
☐ Crimp/Kink/Ripple/Wave/Twist	☐ Incomplete/Unclear Instructions	☐ Wrong Stock Pulled	☐ Part Lost/Missing
☐ Marks/Chatter	☐ Drill Holes	☐ Out of Sequence	☐ Misread
☐ Mislabeled	☐ Fit/Function	☐ Off-set/Set-up	

Other/Details: _____

					Packaging 1 - 30	
					Packaging 1 - 31	
					Packaging 1 - 32	
					Packaging 1 - 33	
					Packaging 1 - 34	
					Packaging 1 - 35	
					QC 4 - 26	
					QC 4 - 28	
					QC 4 - 38	
					QC 4 - 42	
120 QC 4	1 pcs	2/28/19	0.00 0.00		QC 4 - 58	
					QC 4 - 6	
					QC 4 - 69	
					QC 4 - 9	
					QC 4 - 46	
130 Packaging 3-1 - Stock - B4B	1 pcs	2/28/19	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 6 - B4B	
					Packaging 3 - 7 - B4B	
					Packaging 3 - 8 - B4B	
					Packaging 3 - 9 - B4B	
					Packaging 3 - 10 - B4B	
					Packaging 3 - 11 - B4B	
					Packaging 3 - 12 - B4B	
					Packaging 3 - 13 - B4B	
					Packaging 3 - 14 - B4B	
					Packaging 3 - 15 - B4B	
					Packaging 3 - 16 - B4B	
					Packaging 3 - 17 - B4B	
					Packaging 3 - 18 - B4B	
					Packaging 3 - 19 - B4B	
					Packaging 3 - 20 - B4B	
					Packaging 3 - 21 - B4B	
					Packaging 3 - 22 - B4B	
					Packaging 3 - 23 - B4B	
					Packaging 3 - 24 - B4B	
					Packaging 3 - 25 - B4B	
					Packaging 3 - 26 - B4B	
					Packaging 3 - 27 - B4B	
					Packaging 3 - 28 - B4B	
					Packaging 3 - 29 - B4B	
					Packaging 3 - 30 - B4B	
					Packaging 3 - 31 - B4B	
					Packaging 3 - 32 - B4B	
					Packaging 3 - 33 - B4B	
					Packaging 3 - 34 - B4B	
					Packaging 3 - 35 - B4B	
135 DC - 1 - B4B	1 pcs	2/28/19	0.00 0.00		DC - 1 - B4B	
					DC - 2 - B4B	
140 QC 21 - FG	1 pcs	2/28/19	0.00 0.00		QC 21 - FG - 21	
					QC 21 - FG - 70	

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MAR 13 2019
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Part Op 120 - (QC4- 100% Inspect kits for completeness)

Descriptions: 130 - (Identify as per dwg & Stock Location: _____), Identify and pack for shipping as per PPP D145-762-013
Location: _____

135 - Photocopy bluefile & type labels per PPP D145-762-013 CHG006

140 - (QC21- Final Inspection - Work Order Release)

Entered; _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date : _____	Sequence #: _____	QTY Affected : _____		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
AN6C52A	Bolt	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5103394
D145-762-043	Replacement Std Skidtube	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5162022
D145-762-053	Replacement Wearplates for Standard Skidtubes Fit LH or RH	1 pcs (1 ea)	110-Packaging 1 - Pick Kit	5147714
D5300-1	GHL Bushing	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5111352
D5301-1	GHL Plug	2 pcs (2 ea)	110-Packaging 1 - Pick Kit	5119786
MS21043-6	Nut	2 Ea (2 ea)	110-Packaging 1 - Pick Kit	5142144

Job Allocations

Operation	Component Part	Required	Inventory	Allocated
110-Packaging 1 - Pick Kit	AN6C52A	2	66	0
	D145-762-043	1	0	0
	D145-762-053	1	2	0
	D5300-1	2	46	0
	D5301-1	2	48	0
	MS21043-6	2	119	0

Part Specifications

Specifications could not be found.

Plex 1/8/19 3:52 PM dart.white.jesse

Entered; _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework ☐ Scrap ☐ Use-as-is ☐	DEPARTMENT/PROCESS Skid-tube ☐ Machining ☐ Large Fab ☐ Cross tube ☐ Small Fab ☐ Finishing ☐ Eng. (Non-AW) ☐ Prod. Eng. Coord. ☐ Rec/Store/Packaging ☐ Engineering ☐ Water Jet ☐ Supplier ☐ Quality ☐			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause Operator ☐ Manufacturing Process ☐ Equip/Tooling ☐ Handling/Presservation ☐ Material ☐ Product Improvement ☐ Process Improvement ☐ Human Factors ☐		FAULT CATEGORY ☐ Pressure/Forced ☐ Bending ☐ Crushing ☐ Cracks ☐ Crimp/Kink/Ripple/Wave/Twist ☐ Marks/Chatter ☐ Mislabeled ☐ Contamination ☐ Misaligned/off center ☐ BOM/Route ☐ Broken/Damage/Defect ☐ Incomplete/Unclear Instructions ☐ Drill Holes ☐ Fit/Function ☐ Power Loss/Surge ☐ Folio/Program ☐ Grain Direction ☐ Weld ☐ Wrong Stock Pulled ☐ Out of Sequence ☐ Off-set/Set-up ☐ Positioned Wrong ☐ Outside Tolerance ☐ Drawing ☐ Finish ☐ Part Lost/Missing ☐ Misread			
Other/Details:					

5.2 D145-762-013/-113 Skidtube Parts List

Item	Qty -013	Qty -043	Qty -053	Qty -113	Qty -153	Part Number	Description
	X					D145-762-013	SKIDTUBE WITH STD WEARPLATES
	1	X		1		D145-762-043	REPLACEMENT STD SKIDTUBE
	1		X			D145-762-053	REPLACEMENT WEARPLATES (STD SKIDTUBES)
				X		D145-762-113	SKIDTUBE WITH TRAINING WEARPLATES
				1	X	D145-762-153	REPLACEMENT TRAINING WEARPLATES (STD SKIDTUBE)
101		1				D4680-041	SKIDTUBE ASSEMBLY
102	2			2		**L321M1024101 OR **B321M1026101	SKID SHOE (REF ONLY)
103	8			8		**BRSP96/25-SK-WS-1 TEILIG OR **BRSP98/25-SK-WS-1 TEILIG OR **01618266098	CLAMP (REF ONLY)
104	8			8		**N/A	OEM BOLT (REF ONLY)
105	8			8		**N/A	OEM LOCKING WASHER (REF ONLY)
106	8			8		**N/A	OEM WASHER (REF ONLY)
110A		1				*D2965	CAP
110B		1				*D2965-3	CAP
111		4				***AELS-1032-225	INSERT
112		2				*AN3C5A	BOLT
113		2				*NAS1149C0332R	WASHER (OR AN960C10L)
114		2				*AN526C1032	SCREW
120A			1			D4682-041	WEARPLATE
120B			1			D4682-043	WEARPLATE
120C			1			D4682-7	WEARPLATE
121A					1	D4769-041	WEARPLATE
121B					1	D4773-041	WEARPLATE
121C					1	D4771-041	WEARPLATE
122			12		12	D4764-1	BUSHING
123			2		2	AN4C42A	BOLT
124			4		4	AN4C43A	BOLT
125			6		6	MS21043-4	NUT
130		3				*AELS-1032-130	INSERT
131		3				*AN3C4A	BOLT
132		3				*NAS1149C0332R	WASHER (AN960C10L)
150	2			2		AN6C52A	BOLT
151	2			2		D5300-1	GHL BUSHING
152	2			2		D5301-1	GHL PLUG
153	2			2		MS21043-6	NUT

* PART IS INCLUDED WITH D4680-041 STD SKIDTUBE ASSEMBLY

** TO BE SUPPLIED BY CUSTOMER, LISTED AS REFERENCE ONLY

*** DENOTES PART IS INCLUDED WITH ASSEMBLY ABOVE

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Revision: E

Date: 15.08.25